

## BARNWELL COUNTY

WELL NUMBER.--331038081184201. Local number, BW-351.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 80 ft, 4 in from 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 208.27 ft above sea level. Measuring point: Opening in casing, .96 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.93 ft below land-surface datum, May 12, 13, 1993; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	29.52	30.06	30.57	31.04	31.44	31.81	31.29	31.54
2	---	---	---	---	29.54	30.10	30.60	31.06	31.44	31.80	31.29	31.54
3	---	---	---	---	29.61	30.08	30.63	31.08	31.43	31.83	31.27	31.57
4	---	---	---	---	29.64	30.17	30.62	31.10	31.46	31.82	31.25	31.59
5	---	---	---	---	29.74	30.16	30.68	31.14	31.48	31.82	31.24	31.59
6	---	---	---	---	29.63	30.12	30.69	31.13	31.49	31.84	31.25	31.62
7	---	---	---	---	29.62	30.22	30.69	31.15	31.49	31.85	31.25	31.64
8	---	---	---	---	29.76	30.21	30.68	31.19	31.50	31.87	31.21	31.66
9	---	---	---	---	29.77	30.12	30.66	31.18	31.51	31.89	31.21	31.66
10	---	---	---	---	29.80	30.19	30.77	31.20	31.53	31.89	31.22	31.70
11	---	---	---	---	29.80	---	30.74	31.22	31.54	31.90	31.22	31.74
12	---	---	---	---	29.79	---	30.79	31.19	31.54	31.88	31.23	31.75
13	---	---	---	---	29.86	30.26	30.79	31.20	31.56	31.78	31.23	31.74
14	---	---	---	---	29.88	---	30.80	31.27	31.56	31.76	31.24	31.74
15	---	---	---	---	29.86	---	30.74	31.29	31.60	31.76	31.27	31.71
16	---	---	---	---	29.84	---	30.87	31.27	31.58	31.76	31.29	31.82
17	---	---	---	---	29.83	---	30.88	31.27	31.61	31.71	31.27	31.83
18	---	---	---	---	29.86	30.35	30.90	31.27	31.64	31.67	31.27	31.83
19	---	---	---	---	29.90	30.40	30.89	31.29	31.64	31.62	31.30	31.84
20	---	---	---	---	29.96	30.38	30.89	31.32	31.65	31.59	31.30	31.83
21	---	---	---	---	29.96	30.36	30.93	31.32	31.65	31.58	31.33	31.84
22	---	---	---	---	30.02	30.45	30.95	31.31	31.68	31.53	31.35	31.91
23	---	---	---	---	29.99	30.44	30.95	31.30	31.70	31.49	31.36	31.92
24	---	---	---	---	30.01	30.44	30.98	31.32	31.70	31.49	31.37	31.91
25	---	---	---	---	29.97	30.46	30.99	31.35	31.70	31.47	31.39	31.93
26	---	---	---	---	30.05	30.50	30.97	31.35	31.73	31.42	31.41	31.95
27	---	---	---	---	30.01	30.51	31.01	31.40	31.73	31.41	31.43	31.96
28	---	---	---	29.46	29.98	30.52	31.04	31.39	31.73	31.37	31.45	31.97
29	---	---	---	29.56	---	30.56	31.04	31.40	31.71	31.32	31.45	31.96
30	---	---	---	29.60	---	30.58	31.05	31.41	31.74	31.33	31.52	32.01
31	---	---	---	29.61	---	30.55	---	31.46	---	31.32	31.54	---
MEAN	---	---	---	29.56	29.83	30.33	30.83	31.25	31.59	31.66	31.31	31.78
MAX	---	---	---	29.61	30.05	30.58	31.05	31.46	31.74	31.90	31.54	32.01
MIN	---	---	---	29.46	29.52	30.06	30.57	31.04	31.43	31.32	31.21	31.54

